Claims in Current Form

U.S. Patent Application No. 09/703,157

1. (Previously Presented) A method of gathering data from a database, comprising:

storing within a database table, objects containing image data, said database table comprising at least one row including objects having multiple data types, each data type being stored within a different column within said database table;

receiving, in a server system, objects extracted from at least one row of said database table in response to a first request received from a client system, the objects corresponding to one or more layers;

in the server system and in response to said first request, combining the objects and creating a first file containing a representation of the image data for communication to the client system;

displaying said representation of the image data in the client system;

generating a second request for at least one additional layer of image data in response to a selection at said client system of an element of the displayed representation of the image data in the client system;

receiving, in said server system, additional objects extracted from at least one additional row of said database table in response to said second request received from said client system, the objects corresponding to said at least one additional layer of image data;

in the server system and in response to said second request, combining the additional objects and creating a second file containing an updated representation of the image data for communication to the client system; and

displaying said updated representation of the image data in the client system.

2. (Previously Presented) The method of claim 1, wherein said database comprises an object relational database.

3. (Previously Presented) The method of claim 1, wherein creating ~~a file~~ said first and second files comprises creating first and second markup language files, respectively.

4. (Previously Presented) The method of claim 3, wherein creating said first and second markup language files comprises creating first and second Virtual Reality Markup Language files, respectively.

5. (Previously Presented) The method of claim 1, wherein said objects contain geospatial data.

6. (Previously Presented) The method of claim 1, wherein said objects contain geospatial data and said multiple data types include at least one of the following elements: points, lines, and polygons.

7. (Previously Presented) The method of claim 1, wherein said objects contain geospatial data and said multiple data types include at least one of the following elements: an image, points, lines, and polygons.

8. (Original) The method of claim 7, wherein combining the objects comprises combining two or more of the image, points, lines, and polygons.

9. (Previously Presented) The method of claim 8, wherein creating said first and second files comprises creating first and second Virtual Reality Markup Language files, respectively.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Previously Presented) A system comprising:

a database including a database table, said database table comprising at least one row including objects containing geospatial data, said objects having multiple data types, each data type being stored within a different column within said database table;

an interface to said database system;

an interface to a client system;

a controller adapted to receive a first request from the client system, and in response to said first request: receive objects containing geospatial data extracted from the database system and combine the objects into a first file that provides a visual representation of the image data;

means for displaying said visual representation of the image data in the client system; and

said controller further adapted to receive a second request from the client system generated in response to a selection at said client system of an element of the displayed representation of the image data in the client system, and

in response to said second request: receive additional objects containing geospatial data extracted from the database system ~~in response to the second request,~~ and combine the additional objects into a second file that provides an updated visual representation of the image data.

14. (Original) The system of claim 13, wherein the database system comprises an object relational database system.

15. (Previously Presented) The system of claim 13, wherein said multiple data types include at least one of an image, points, lines, and polygons.

16. (Canceled)

17. (Previously Presented) The system of claim 13, wherein the first and second files comprise first and second markup language files, respectively.

18. (Previously Presented) The system of claim 13, wherein the first and second files comprise first and second Virtual Reality Markup Language files, respectively.

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)